



U.S. Department of Transportation
Research and Special Programs Administration

Hazardous Materials Incident Report

Form Approval OMB No. 3137-0039

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 2137-0039. The filling out of this information is mandatory and will take 96 minutes to complete.

INSTRUCTIONS

Submit this report to the Information Systems Manager, U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, DHM-63, Washington, D.C. 20590-0001. If space provided for any item is inadequate, use a separate sheet of paper, identifying the entry number being completed. Copies of this form and instructions can be obtained from the Office of Hazardous Materials Website at <http://hazmat.dot.gov>. If you have any questions, you can contact the Hazardous Materials Information Center at 1-800-HMR-4922 (1-800-467-4922) or online at <http://hazmat.dot.gov>.

PART I - REPORT TYPE

1. Incident Id: I-2015100004
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident: 07/01/2015
4. Time of Incident (use 24-hour time): 06:05
5. Enter National Response Center Report Number (if applicable): 1121493
6. If you submitted a report to another Federal DOT agency, enter the agency and report number:
7. Location of Incident:
- City: COLUMBUS
County: FRANKLIN
State: OH
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
I-70 E I-270 (WEST)
8. Mode of Transportation: Highway
9. Transportation Phase: In Transit
10. Carrier/Reporter:
- Name: HOC TRANSPORT CO
Street: 1569 INDUSTRIAL PKWY
City: AKRON
State: OH
Zip Code: 44310-2603
Federal DOT Id Number: 302119
Hazmat Registration Number: 052715600012XZ
11. Shipper/Officer:
- Name: HOC TRANSPORT CO
Street: 1569 INDUSTRIAL PKWY
City: AKRON
State: OH
Zip Code: 44310-2603
Waybill/Shipping Paper: Hazmat Registration Number: 052715600012XZ
12. Origin (if different from shipper address)
- Street:
City:
State:
Zip Code:
13. Destination:
- Street: 3651 FISHER ROAD
City: COLUMBUS
State: OH
Zip Code: 43228
14. Proper Shipping Name of Hazardous Material: DENATURED ALCOHOL
15. Technical/Trade Name:
16. Hazardous Class/Division: Flammable - Combustible Liquid
17. Identification Number: (E.g. UN2764, NA 2020) NA1987

18. Packing Group: (if applicable)

19. Quantity Released: (Include Measurement Units) 7939 Liquid - Gallon

20. Was the material shipped as a hazardous waste? False

If yes, provide the EPA Manifest Number:

21. Is this a Toxic by Inhalation (TIH) material? True

If yes, provide the Hazard Zone: 3

22. Was the material shipped under an Exemption, Approval, or Competent Authority Certificate? False

If yes, provide the Exemption, Approval, or CA number:

23. Was this an undeclared hazardous materials shipment? False

PART III - PACKAGING INFORMATION

24. Check Packaging Type (check only one - if more than one, list type of packaging, copy Part III, and complete for each type:

Tank Car

25. See instructions and enter the appropriate failure codes found at the end of the instructions. Be sure to enter the codes from the list that corresponds to the particular packaging type checked above. Enter the number of codes as appropriate to describe the incident.

Enter the most important failure point in line 1. If there are more than two failure points, provide in this format in part VI.

What Failed: - 150-Tank Shell

How Failed: - 310-Ripped or Torn

Causes of Failure: - Rollover Accident

26a. Provide the packaging identification markings, if available.

Identification Markings: NO MARKINGS GIVEN

(Examples: 1A1/Y1.4/150/92/USA/RB/93/RL, UN31H1/Y0493/USA/M9339/10800/1200, DOT - 105A - 100W (RAIL), DOT 406 (HIGHWAY), DOT 51, DOT 3-A)

26b. For Non-bulk, IBC, or non-specification packaging, if identification markings are incomplete or unavailable, see instructions and complete the following:

Single Package or Outer Packaging:

Single Package or Inner Packaging (if any):

Packaging Type:
Material of Construction:
Head Type (Drums only):

Packaging Type:
Material of Construction:

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:

Single Package or Inner Packaging (if any):

Package Capacity: 8000 Liquid - Gallon
Amount in Package: 7939 Liquid - Gallon
Number in Shipment:
Number Failed:

Package Capacity:
Amount in Package:
Number in Shipment:
Number Failed:

28. Provide packaging construction and test information, as appropriate:

Manufacturer:
Serial Number:
Material of Construction: (if Tank Car, CTMV, Portable Tank, or Cylinder)
Design Pressure: (if Tank Car, CTMV, Portable Tank)
Shell Thickness: (if Tank Car, CTMV, Portable Tank)
Head Thickness: (if Tank Car, CTMV)
Service Pressure: (if Cylinder)
If valve or device failed:
Type:
Model:
Manufacturer:

Manufacture Date:
Last Test Date:

29. If the packaging is for Radioactive Materials, complete the following:

Packaging Category:
Packaging Certification:
Certification Number:
Nuclide(s) Present:
Activity:
Critical Safety Index:

Transport Index:

PART IV – CONSEQUENCES

30. Result of Incident (check all that apply):

- | | | | |
|---------------------------|-------|--|-------|
| - Spillage: | True | - Fire: | True |
| - Explosion: | False | - Material Entered Waterway/Storm Sewer: | False |
| - Vapor (Gas) Dispersion: | False | - Environmental Damage: | True |
| - No Release: | False | | |

31. Emergency Response: The following entities responded to the incident: (Check all that apply)

- Fire/EMS Report #: True
Police Report #: True
In-house cleanup: False
Other Cleanup: True

32. Damages Was the total damage cost more than \$500? True

- If yes, enter the following information: (If no, go to question 33.)
- | | |
|---------------------------|---------------|
| Material Loss: | \$ 0.00 |
| Carrier Damage: | \$ 0.00 |
| Property Damage: | \$ 400,000.00 |
| Response Cost: | \$ 0.00 |
| Remediation/Cleanup Cost: | \$ 40,000.00 |
- (See damage definitions in the instructions)

33a. Did the hazardous material cause or contribute to a human fatality? False

- If yes, enter the number of fatalities resulting from the hazardous material:
- | | |
|-----------------|---|
| Employees: | 0 |
| Responders: | 0 |
| General Public: | 0 |

33b. Were there human fatalities that did not result from the hazardous material? False

- If yes, how many? 0

34. Did the hazardous material cause or contribute to personal injury? False

- If yes, enter the number of injuries resulting from the hazardous material:

Hospitalized (Admitted Only):

- | | |
|-----------------|---|
| Employees: | 0 |
| Responders: | 0 |
| General Public: | 0 |

Non-Hospitalized:

(e.g.: On site first aid or Emergency Room observation and release)

- | | |
|-----------------|---|
| Employees: | 0 |
| Responders: | 0 |
| General Public: | 0 |

35. Did the hazardous material cause or contribute to an evacuation? False

- If yes, provide the following information:

- | | |
|---|--|
| Total number of general public evacuated: | |
| Total number of employees evacuated: | |
| Total evacuated: | |
| Duration of the evacuation: | |

36. Was a major transportation artery or facility closed? True

- If yes, how many? 700

37. Was the material involved in a crash or derailment? True

- If yes, provide the following information:

- | | |
|-----------------------------|-------|
| Estimated speed (mph): | 20 |
| Weather conditions: | CLEAR |
| Vehicle overturned? | True |
| Vehicle left roadway/track? | False |

PART V - AIR INCIDENT INFORMATION (please refer to S 175.31 to report a discrepancy for air shipments)

38. Was the shipment on a passenger aircraft?

- If yes, was it tendered as cargo, or as passenger baggage?

39. Where did the incident occur (if unknown, check the appropriate box for the location where the incident was discovered)?

40. What phase(s) had the shipment already undergone prior to the incident? (Check all that apply)

- | | |
|--|--|
| - Shipment had not been transported | - Transported by air (first flight) |
| - Transport by air (subsequent flights) | - Initial transport by highway to cargo facility |
| - Transfer at sort center/cargo facility | |

PART VI - DESCRIPTION OF EVENTS & PACKAGE FAILURE

- Describe the sequence of events that led to the incident and the actions taken at the time it was discovered. Describe the package failure, including the size and location of holes, cracks, etc. Photographs and diagrams should be submitted if needed for clarification. Estimate the duration of the release, if possible. Describe what was done to mitigate the effects of the release. Continue on additional sheets if necessary.

Describe:

A TANKER TRANSPORTING 7,939 GALLONS OF DENATURED ETHANOL WAS TURNING FROM I-70 WESTBOUND ONTO I-270 SOUTHBOUND, WEST OF COLUMBUS, OHIO, WHEN IT OVERTURNED AND STRUCK THE OVERPASS BRIDGE SUPPORT FOR I-70 EASTBOUND AS IT OVERTURNED. THE TANKER IGNITED AND BURNED FOR NEARLY 2.5 HOURS, DAMAGING THE BRIDGE OVERPASS SUPPORT. SPILLED ETHANOL MIXED WITH LIQUID FIRE SUPPRESSANT AND WATER FLOWED BEHIND A CONCRETE BARRIER AND INTO A DRAINAGE-WAY. A PRIVATE CLEANUP CONTRACTOR FLUSHED PRODUCT FROM BEHIND THE CONCRETE BARRIER. ALL STANDING LIQUID (6,400 GALLONS) WAS VACUUMED AND REMOVED OFF-SITE FOR DISPOSAL. THE OHIO EPA SUPERVISED EXCAVATION OF 11.85 TONS OF SOIL FROM THE DRAINAGE-WAY, WHICH WAS TRANSPORTED OFF-SITE FOR DISPOSAL. A GEOLOGIST INSPECTED THE EXCAVATION USING HIS PID, BUT SOILS WERE ALL 0.0 PPM. THE OHIO EPA APPROVED BACKFILL AND SITE RESTORATION, WHICH WAS PERFORMED AND A 30 DAY REPORT WAS SUBMITTED TO THE OHIO EPA FOR CLOSURE. THE DAMAGED OVERPASS BRIDGE AND SUPPORTS WERE REPLACED.

PART VII - RECOMMENDATIONS/ACTIONS TAKEN TO PREVENT RECURRENCE

- Where you are able to do so, suggest or describe changes (such as additional training, use of better packaging, or improved operating procedures) to help prevent recurrence. Provide recommendations for improvement to hazardous materials transportation beyond the control of your individual company. Continue on additional sheets if necessary.

Describe:

HOC TRANSPORT WAS PROVIDED INSTRUCTIONS TO THEIR DRIVERS TO TAKE BETTER PRECAUTIONS WHEN HANDLING TANKERS, ESPECIALLY AROUND CORNERS. IT IS RECOMMENDED THAT ALL TANKERS USING THIS INTERCHANGE MAINTAIN CAUTION.

PART VIII – CONTACT INFORMATION

Contact's Name:	PAULETTE MARINGO
Contact's Title:	CONTROLLER
Business Name and Address:	HOC TRANSPORT COMPANY 1569 INDUSTRIAL PKWY AKRON OH 44310
E-mail Address:	PMARINGO@HOCTRANSPORT.COM
Telephone Number:	330 630 0100
Fax Number:	330 630 3882
Hazmat Registration Number:	
Date:	09/29/2015
Preparer is:	Other - ENVIRONMENTAL CONSULTANT